167

MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE

DOMINION OF CANADA

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MAR 15 1932
WEATHER BUREAU

FEBRUARY 1932

TEMPERATURE

There was a general tendency to very cold weather in the Yukon, the western portion of the Arctic Archipelago and the adjacent regions of the far northwest. Along the Arctic circle from Fox Channel to the Yukon-Alaska boundary, the month was eight to sixteen degrees colder than an average February. The severe cold weather extended southwards into the prairie provinces during the first week. Cold spells were also centred about the thirteenth, seventeenth and twenty-second but were of only average or less than average intensity. After the twenty-third a very mild period set in with temperatures reaching 50 or 60 or higher on several days in southern districts. On the last day the temperature was dropping sharply over the prairies.

The drift of masses of cold air across Hudson Bay and central Ungava was fairly persistent from the first to the tenth and from the fifteenth to the twenty-fifth with temperature frequently below zero in the Laurentian highlands and in northern New Brunswick. Ontario and western Quebec were very little affected by the cold waves.

In the prairie provinces the month averaged about two to six degrees warmer than usual over most of the grain regions. In Ontario the excess was four to eight degrees. In southwestern Quebec there was an excess of two to four degrees while in the Gaspé region and along the north shore of the Gulf there was a deficiency of one to four degrees.

In the Atlantic provinces there was a deficiency of four degrees in parts of northern New Brunswick and northeastern Nova Scotia and one to three degrees elsewhere.

The extremely cold weather extended as far as the western end of Hudson Strait but the month averaged quite mild for the season at the eastern entrance.

In southern British Columbia the month averaged about normal or one degree lower, but in the northern districts there was a deficiency of three to seven degrees.

PRECIPITATION

In parts of Vancouver Island and in the Lower Fraser valley there was a considerable excess over normal precipitation. Victoria had about twice the usual amount and several places reported five to ten inches or more. There were moderate excesses over the greater part of British Columbia.

In the Grande Prairie region of northern Alberta there was twice the usual amount but elsewhere in the grain region of that province there appears to have been the normal amount or slightly more.

In Saskatchewan and western Manitoba from three to six inches of snow fell in most districts although Battleford reported very light falls only. The normal amount for February is from three to eight inches.

In eastern Manitoba slightly more than the usual precipitation occurred, partly rain.

In most districts of Ontario and western Quebec, there was a moderate excess but along the lower St. Lawrence from the mouth of the Saguenay to the Gulf little more than half the usual amount was measured. There were local excesses, however, on the north shore of Chaleur Bay.

In New Brunswick precipitation was about half the usual amount. On the outer coast of Nova Scotia and in Prince Edward Island there were moderate excesses but in the region of the basin of Minas there was a fairly large deficiency.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Sg denotes depth of snow on ground in inches; where given.

BRITISH COLUMBIA

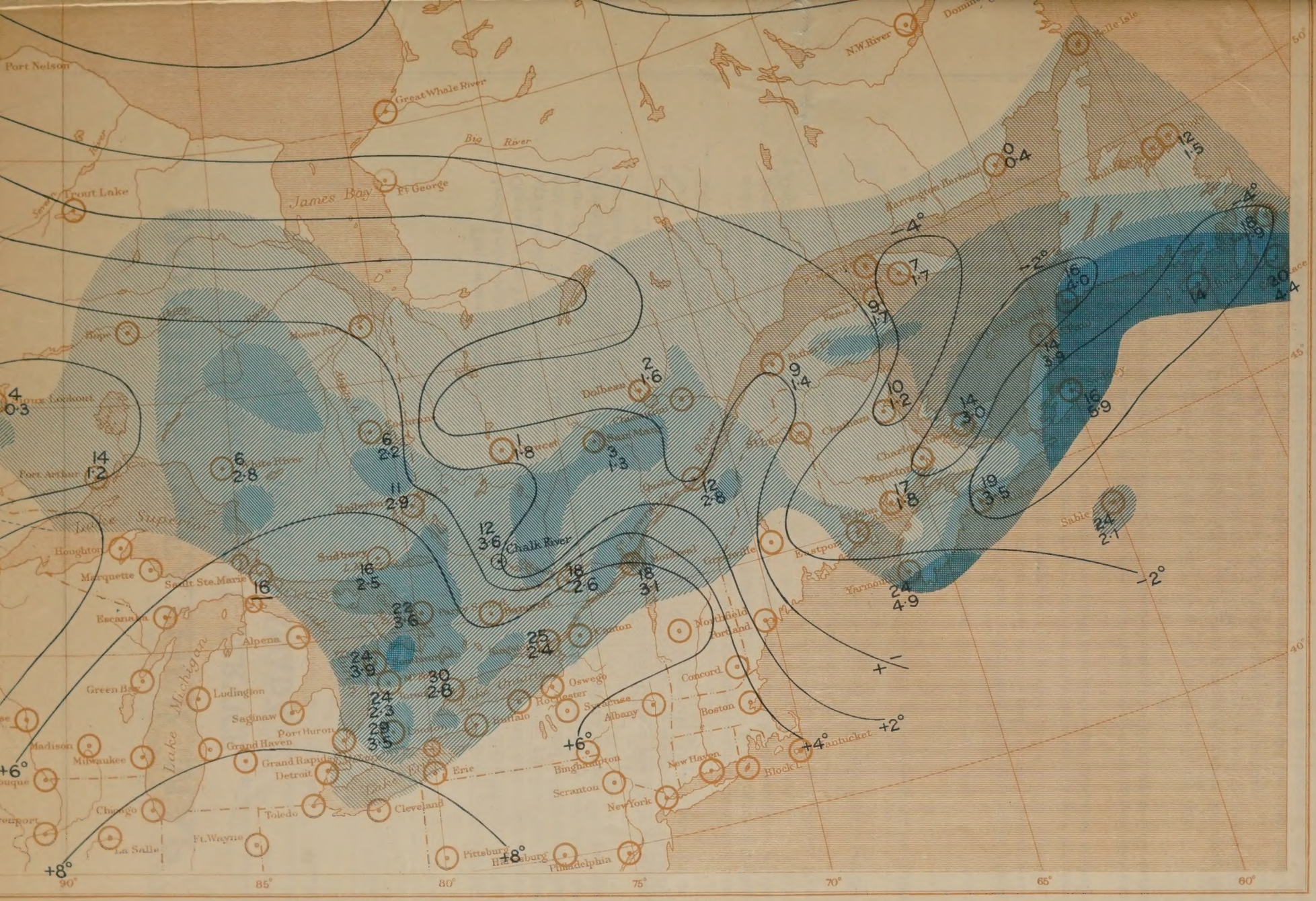
STATION	H	L	P	I	STATION	H	L	P	I	STATION	H	L	P	I
Sooke	53°	16°	10.6		White Rock	56°	14°	5.4		Windermere	52°	-29°	0.4	75
Shawnigan Lake	53°	13°	11.3		Agassiz	60°	10°	14.7	68	Revelstoke	53°	-20°	7.3	
Duncan	62°	14°	4.4		Princeton	55°	-31°	1.7		Golden	47°	-39°	1.9	
Port Alberni	56°	16°	10.9		Salmon Arm	60°	-17°	1.5	56	Glacier	45°	-22°	9.4	
Nanaimo	59°	22°	3.3	97	Kamloops	62°	-16°	0.2	100	Quesnel	59°	-35°	1.8	
Courtenay	..	..	3.2		Vernon	58°	-17°	0.6	93	Prince George	56°	-36°	2.7	67
Victoria	55°	27°	6.3	114	Oliver	60°	-10°	...	96	Prince Rupert	47°	17°	13.4	22
Vancouver	61°	11°	6.6	97	Kaslo	48°	-6°	3.4						
New Westminster	58°	13°	8.9		Rossland	47°	-12°	2.7						

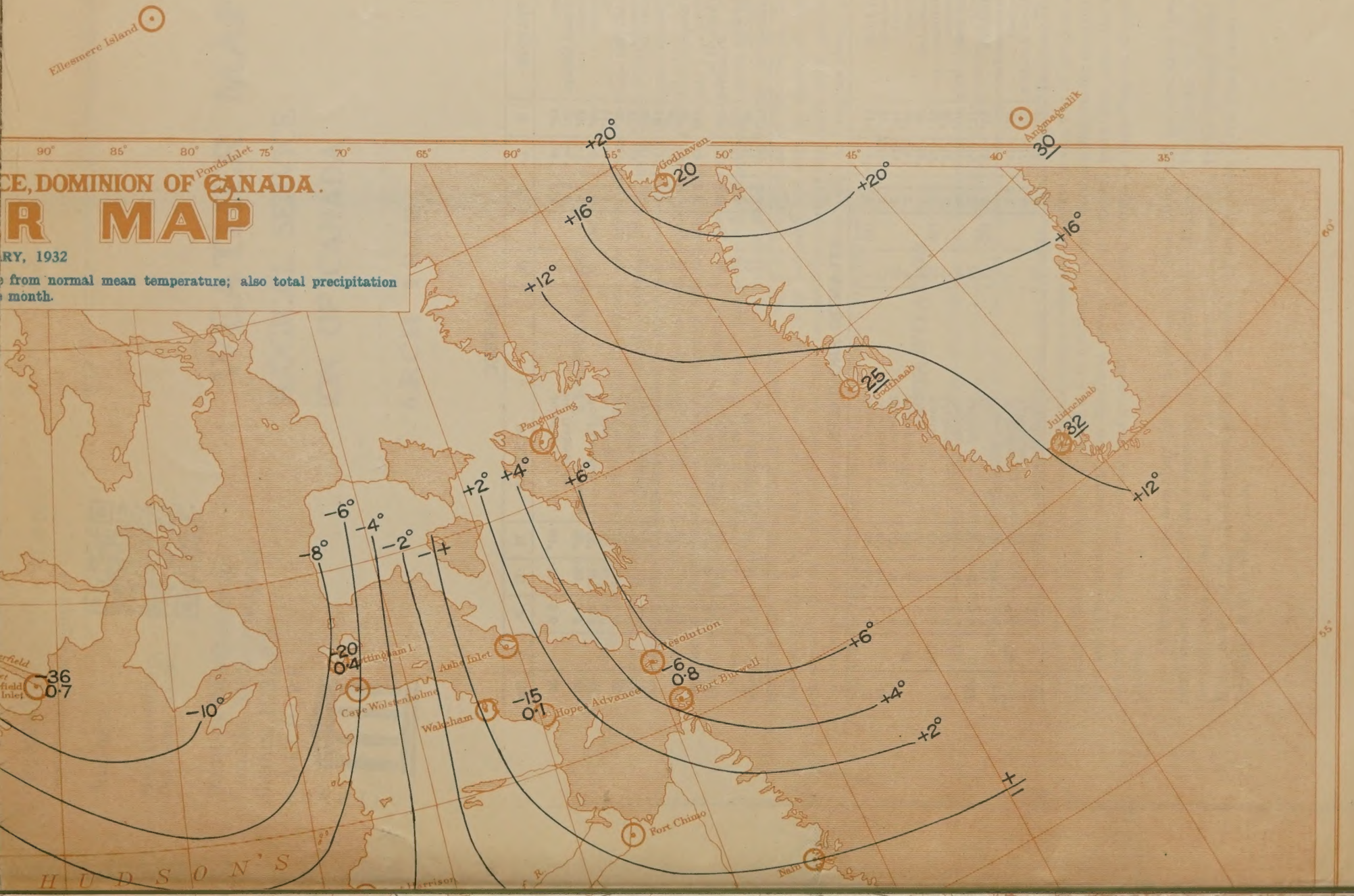
ALBERTA, SASKATCHEWAN AND MANITOBA

STATION	H	L	P	I	Sg	STATION	H	L	P	I	Sg
Fairview	45°	-30°	2.3	63		Morden	54°	-25°	1.1		
Beaver Lodge	50°	-36°	1.9	82		Dauphin	57°	-32°			
Edmonton	56°	-35°	0.8	128		The Pas	44°	-36°	0.9		
Calgary	60°	-30°	0.4	114		Minnedosa	47°	-31°	0.3		2
Medicine Hat	62°	-32°	0.7	89	T	Winnipeg	46°	-32°	0.8	117	T
Banff	47°	-38°	1.6	69	8	Hamiota	51°	-31°			
Brooks	60°	-28°	0.4			Forrest	49°	-36°	0.9		
Tilley	64°	-35°	0.3			Russell	48°	-33°			
Patricia	62°	-28°	0.2			Moosehorn	44°	-40°	0.9		
Bassano	67°	-27°	0.1			Brandon	49°	-32°	0.3		4
Gem	63°	-30°	0.9			Great Falls	52°	-36°	0.1		
Battleford	48°	-46°	T			Treherne	48°	-27°	0.4		8
Prince Albert	50°	-42°	0.3		5	Pinawa	50°	-38°	0.7		
Scott	45°	-48°	0.3	123		Birtle	41°	-24°	0.2		2
Swift Current	62°	-27°	0.3			Sprague	48°	-34°	1.0		
Moose Jaw	64°	-29°	0.3	81		Morris	48°	-32°			
Qu'Appelle	57°	-26°	0.6	111	0	Simpson, N.W.T	15°	-50°	0.9	99	
Waskada	56°	-30°	1.4								

ONTARIO

Kenora	47°	-27°	1.7			ParrySound	47°	-8°	3.6		2
Quorn	51°	-40°	1.0		14	Stratford	55°	8°	3.2		0
Port Arthur	48°	-16°	1.1		5	Woodstock	57°	12°	3.1	108	0
Cochrane	44°	-28°	2.2	71	10	London	57°	11°	3.5		0
Haileybury	48°	-23°	2.9	80	8	Simcoe	64°	8°	2.4		0
Iroquois Falls	46°	-35°	2.3			Paris	57°	8°	2.9		0
Ignace	52°	-40°	2.3			Port Dover	52°	15°	1.8	50	5
Montreul River	48°	-33°	3.1			Leamington	54°	9°	1.4		0
Chapleau	45°	-32°	2.1			Harrow	58°	9°	0.9	107	
Atikokan	53°	-43°	0.9			Toronto	51°	9°	2.8	100	
Sudbury	47°	-15°	2.5			Agincourt	50°	8°	2.3		0
Coniston	44°	-26°	2.6			Orono	50°	3°	3.5		
Alton	44°	5°	3.0	123		Apsley	48°	-18°	3.8		6
Beatrice	47°	-15°	2.7		8	Bloomfield	55°	-3°	2.9		0
Scotia Junction	39°	-11°	3.2		10	Queensboro'	46°	-7°	2.9		4
Orillia	48°	-2°	3.0			Ottawa (Exp.Farm)	47°	-13°	2.6	104	6
Walkerton	57°	0°	5.1		0	Peterboro'	44°	-3°	2.6		1
Brucefield	57°	3°	2.5		0	Kingston	47°	0°	2.4	118	T
Beeton	53°	1°	2.3		0	Brockville	50°	-7°	2.9	107	3
Mount Forest	51°	-5°	2.3		T	Morrisburg	51°	-10°			5
Barrie	47°	-3°	4.0	91	4	Renfrew	44°	-14°	2.1		
Lucknow	57°	-4°	3.2		0	Pembroke	48°	-12°	3.3		5
Alton	45°	2°	3.0	124	0	Clontarf	50°	-16°	2.0		6


Port Nelson
Great Whale River
Big River
James Bay
Ft George
Trout Lake
N.W.River
Belle Isle
Dolbeau
Chalk River
Fort Arthur
Houghton
Marquette
Sault Ste.Marie
Escanaba
Alpena
Green Bay
Ludington
Saginaw
Port Huron
Madison
Milwaukee
Grand Haven
Grand Rapids
Detroit
Chicago
Toledo
Cleveland
Erie
La Salle
Ft.Wayne
Pittsburg
Harrisburg
Philadelphia
Scranton
Binghampton
New York
Buffalo
Rochester
Syracuse
Albany
Oswego
Concord
Boston
New Haven
Block I.
Nantucket
Portland
Bostport
Sable
Lake Michigan
+8°
+6°
+4°
+2°
−2°
−4°
90°
85°
80°
75°
70°
65°
60°
50°
45°
40°


CE, DOMINION OF CANADA.
R MAP
RY, 1932
from normal mean temperature; also total precipitation
month.
Ellesmere Island
Pond Inlet
Godhaven
Arsuagdsuit
Pangnirtung
Godthaab
Julianehaab
Resolution
Port Burwell
Cape Wolstenholme
Ashe Inlet
Nottingham I.
Wakeham
Hope Advance
Port Chimo
Nain
H U D S O N ' S
90°
85°
80°
75°
70°
65°
60°
55°
50°
45°
40°
35°
60°
55°
+20°
+16°
+12°
+6°
+4°
+2°
±
−2°
−4°
−6°
−8°
−10°
20
30
25
32
6
0·8
15
0·1
20
0·4
36
0·7

REFERENCES.
The upper Figures give the mean Temperature.
The lower Figures give the precipitation in inches.
The Black lines shew the difference from the normal mean Temperature.
The shading shews approximately the precipitation of the month.
Less than 1 inch
Less than 2 inches
Less than 3 inches
Less than 4 inches
More than 4 inches
Seattle
Tacoma
Spokane
North Yakima
Walla Walla
Lewiston
Kalispell
Missoula
Helena
Billings
Yellowstone Park
Havre
Miles City
Bismarck
Williston
Devils Lake
Moorhead
Ellendale
Sheridan
Pocatello
Lander
Salt Lake City
Rapid City
Pierre
Huron
Valentine
Sioux City
Cheyenne
North Platte
Omaha
Prince Albert
Saskatoon
Swift Current
Medicine Hat
Lac la Ronge
Norway House
The Pas
Ile à la Crosse
Grouard
Edmonton
Calgary
Battleford
Kamloops
Triangle
Fraser
Columbia
Churchill River
Nelson R.
+8°
+6°
+4°
+2°
120°
115°
110°
105°
100°
95°
50°
45°
40°

METEOROLOGICAL SERVIC
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Chart shewing the mean temperature and the difference
of the
Tanana
Fort Yukon
Herschell I.
Aklavik
McPherson
Eagle
Dawson
Yukon
Mayo
River
Valdez
Sitka
Good Hope
Great Bear Lake
Norman
Mackenzie River
Liard
River
Simpson
Great Slave Lake
Hay River
Fort Smith
Height of Land
River
Athabasca
Cumberland
Cambridge Bay
Coppermine R.
Chesterfield
150°
145°
140°
130°
125°
120°
115°
110°
105°
100°
95°
60°
55°
−12°
−10°
−14°
−8°
−16°
−6°
−4°
−2°
−21
0·2
−29
1·1
−25
0·8
−19
−26
1·1
−17
0·9
−13
0·2
25
7·2
34
11·6

QUEBEC

STATION	H	L	P	I	Sg	STATION	H	L	P	I	Sg
Cedars	48°	-4°	2.3		6	Joliette	40°	-19°	2.6		24
Macdonald College	44°	-4°	2.6		3	St. Gabriel de Brandon	38°	-20°	3.7		10
Montréal	48°	-1°	3.2		6	Mont Laurier	48°	-19°	2.4		12
Farnham	49°	-8°	1 3	109	2	La Ferme	35°	-43°	2.0	93	
Brome	51°	-15°	1.1			Abitibi	42°	-31°	1.8		22
Lennoxville	49°	-14°	2.1	112	7	Roberval	48°	-20°	1.6		12
Sherbrooke	47°	-10°	2.2	107	4	Drummondville	46°	-10°	4.2		6
Beauceville	48°	-21°	1.8		30	Portage des Roches	47°	-22°	3.2		
Nicolet	45°	-11°	2.9		8	St. Tite	45°	-20°	2.0		
Sorel	46°	-12°	2.0		7	East Angus	49°	-19°	1.9		
Cap Rouge	42°	-14°	2.4	98	32	Albanel	43°	-30°	1.4	142	15
Québec	41°	-13°	2.8	111	28	Hervey Junction	40°	-20°	2.6		17
Ste. Anne de la Pocatiére	45°	-15°	3.0	94	18	Thetford Mines	34°	-27°	1.1		
St. Joachim	42°	-17°	3.1		15	St. Lin des Laurentides	51°	-16°	1.3		6
Donnacona	38°	-21°	2.3		15						
Huberdeau	46°	-20°	4.0		14						

ATLANTIC PROVINCES

Saint John	41°	-4°	1.8	140	8	Sussex	48°	-15°	1.1		3
Aroostook	42°	-24°	1.8		12	Woodstock	45°	-23°	1.2		14
Bathurst	44°	-18°	1.3		20	Halifax	50°	-4°	3.5		3
Chatham	46°	-21°	1.2		8	Annapolis Royal	45°	1°	1.3	99	
Edmundston	37°	-25°	1.4		19	Digby	38°	2°	2.7		
Fredericton	46°	-19°	2.1	142	19	Kentville	48°	-7°	2.5	114	
Gagetown	46°	-12°	1.9		7	Liverpool	37°	-14°	5.2		7
Grand Falls	40°	-29°	1.8		14	Nappan	46°	-14°	1.4	127	
Harvey	44°	-15°	2.2		24	Sydney	41°	-8°	5.9		24
Fredericton (Experimental Farm)	45°	-18°	1.9	147	10	Truro	39°	-11°	3.2		
						Upper Stewiacke	50°	-18°	2.5		4
Musquash	43°	-13°	2.6		7	Wolfville	48°	-1°	2.5	123	T
McAdam Junction	45°	-17°	1.6			Yarmouth	44°	4°	4.9		1
Rexton	45°	-15°	1.9		18	Charlottetown	41°	-4°	3.0		12